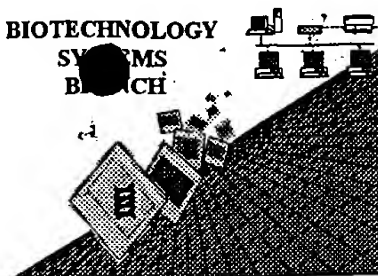


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806,555
Source: PCR/09
Date Processed by STIC: 2/27/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

BEST AVAILABLE COPY

PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,555

DATE: 07/27/2001

TIME: 19:57:29

Input Set : A:\50125.022001.SEQLIST.TXT

Output Set: N:\CRF3\07272001\I806555.raw

4 <110> APPLICANT: Schrader, Jurgen
5 Herrmann, Andreas
7 <120> TITLE OF INVENTION: Tissue-Binding Peptides, Their
8 Identification, Preparation and Use
11 <130> FILE REFERENCE: 50125/022001
13 <140> CURRENT APPLICATION NUMBER: US/09/806,555
14 <141> CURRENT FILING DATE: 2001-07-02
16 <150> PRIOR APPLICATION NUMBER: PCT/EP99/07296
17 <151> PRIOR FILING DATE: 2000-04-13
19 <150> PRIOR APPLICATION NUMBER: DE 19845434.1
20 <151> PRIOR FILING DATE: 1998-10-02
22 <160> NUMBER OF SEQ ID NOS: 17
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 10
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Tissue binding peptide
34 <400> SEQUENCE: 1
35 Gly Glu Gly Arg Thr Val Val Leu Ser Phe
36 1 5 10
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 12
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Tissue binding peptide
47 <400> SEQUENCE: 2
48 Ala Trp Cys Arg Gly Gly Ile Leu Gly Asp Ala Met
49 1 5 10
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 12
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Tissue binding peptide
60 <400> SEQUENCE: 3
61 Gly Asn Leu Val Asp Leu Val Val Gly Phe Asp Asp
62 1 5 10
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 12
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Tissue binding peptide
73 <400> SEQUENCE: 4

Does Not Comply
Corrected Diskette Needed

P3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,555

DATE: 07/27/2001

TIME: 19:57:29

Input Set : A:\50125.022001.SEQLIST.TXT

Output Set: N:\CRF3\07272001\I806555.raw

74 Arg Val Ser Pro Pro Lys Lys Ser Gly Gly Gly Val

75 1 5 10

78 <210> SEQ ID NO: 5

79 <211> LENGTH: 12

80 <212> TYPE: PRT

81 <213> ORGANISM: Artificial Sequence

83 <220> FEATURE:

84 <223> OTHER INFORMATION: Tissue binding peptide

86 <221> NAME/KEY: VARIANT

87 <222> LOCATION: 9

88 <223> OTHER INFORMATION: Xaa = Any Amino Acid

90 <400> SEQUENCE: 5

91 Gly Ser Ser Lys Trp Gly Leu Thr Xaa Lys Cys Gly

92 1 5 10

95 <210> SEQ ID NO: 6

96 <211> LENGTH: 12

97 <212> TYPE: PRT

98 <213> ORGANISM: Artificial Sequence

100 <220> FEATURE:

101 <223> OTHER INFORMATION: Tissue binding peptide

103 <400> SEQUENCE: 6

104 Arg Gly Gly Val Arg Gln Arg Ser Arg Gly Arg Arg

105 1 5 10

108 <210> SEQ ID NO: 7

109 <211> LENGTH: 10

110 <212> TYPE: PRT

111 <213> ORGANISM: Artificial Sequence

113 <220> FEATURE:

114 <223> OTHER INFORMATION: Tissue binding peptide

116 <400> SEQUENCE: 7

117 Gly Glu Gly Arg Thr Val Val Cys Arg Ser

118 1 5 10

121 <210> SEQ ID NO: 8

122 <211> LENGTH: 12

123 <212> TYPE: PRT

124 <213> ORGANISM: Artificial Sequence

126 <220> FEATURE:

127 <223> OTHER INFORMATION: Tissue binding peptide

129 <400> SEQUENCE: 8

130 Ser Gln Arg Trp Thr Ala Leu Trp Gln Trp Ile Gly

131 1 5 10

134 <210> SEQ ID NO: 9

135 <211> LENGTH: 23

136 <212> TYPE: PRT

137 <213> ORGANISM: Artificial Sequence

139 <220> FEATURE:

140 <223> OTHER INFORMATION: Tissue binding peptide

142 <400> SEQUENCE: 9

143 Gly Leu Phe His Ala Ile Ala His Phe Ile His Gly Gly Trp His Gly

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,555

DATE: 07/27/2001

TIME: 19:57:29

Input Set : A:\50125.022001.SEQLIST.TXT

Output Set: N:\CRF3\07272001\I806555.raw

144 1 5 10 15
145 Leu Ile His Gly Trp Tyr Gly
146 20
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 31
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
157 <400> SEQUENCE: 10
158 ggcgaggggc gaacagtcgt attgtcgttc g 31
160 <210> SEQ ID NO: 11
161 <211> LENGTH: 36
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
168 <400> SEQUENCE: 11
169 gcttggtgtc ggggggggtat cctgggcgac gctatg 36
171 <210> SEQ ID NO: 12
172 <211> LENGTH: 36
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
179 <400> SEQUENCE: 12
180 ggaaacctgg tggatctagt tgtgggtttt gacgac 36
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 36
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
190 <400> SEQUENCE: 13
191 cgggtgagtc cgccaaagaa gtcgggggggc ggcgtg 36
193 <210> SEQ ID NO: 14
194 <211> LENGTH: 36
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
201 <400> SEQUENCE: 14
202 gggagtagca agtgggggatt gacttaaaaa tgtggg 36
204 <210> SEQ ID NO: 15
205 <211> LENGTH: 36
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Tissue binding peptide

This is not a peptide sequence.

RAW SEQUENCE LISTING

DATE: 07/27/2001

PATENT APPLICATION: US/09/806,555

TIME: 19:57:29

Input Set : A:\50125.022001.SEQLIST.TXT

Output Set: N:\CRF3\07272001\I806555.raw

212 <400> SEQUENCE: 15
213 cgcgggggag tccgccaaag aagtcggggg cggcgt 36
215 <210> SEQ ID NO: 16
216 <211> LENGTH: 30
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
223 <400> SEQUENCE: 16
224 ggcgaggggc gaacagtcgt atgtcggtcg 30
226 <210> SEQ ID NO: 17
227 <211> LENGTH: 36
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Sequence coding for tissue binding peptide
234 <400> SEQUENCE: 17
235 tcccagaggt ggactgcact ctggcaatgg atcggg 36

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,555

DATE: 07/27/2001

TIME: 19:57:30

Input Set : A:\50125.022001.SEQLIST.TXT

Output Set: N:\CRF3\07272001\I806555.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5